

08/07/01

J1042 U.S. PTO

Please type a plus sign (+) inside this box

Approved for use through 09/30/2000 OMB 0651-0032
 Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. **Harvatek-9030**First Inventor or Application Identifier **Bily WANG**Title **LED Focusing Cup in a Stacked Substrate**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Express Mail Label No.

 1c978 U.S. PTO
 09/922668
 08/07/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **6**]
 (preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **13**]
4. Oath or Declaration [Total Pages **2**]
- a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
 (for continuation/divisional with Box 16 completed)
 - 1. ☐ DELETION OF INVENTOR(S)
 Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 17: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO:

 Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☒ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney
 (when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure ☐ Copies of IDS
☐ Statement (IDS)/PTO-1449 ☐ Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
13. ☒ Small Entity ☐ Statement filed in prior application,
 Statement(s) ☐ Status still proper and desired
 (PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
 (if foreign priority is claimed)
15. Other: _____

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____
 Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name

Hung Chang LIN

Address

8 Schindler CourtCity **Silver Spring**State **Maryland**Zip Code **20903**Country **U. S. A.**Telephone **301-434-3571**Fax **301-434-6581**Name (Print/Type) **Hung Chang LIN**Registration No. (Attorney/Agent) **28,789**

Signature

Hung Chang LinDate **Aug. 2, 2001**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

0002/PTO Rev. 10/95		U.S. Department of Commerce Patent and Trademark Office		Complete If Known	
FEE TRANSMITTAL				Application Number	
				Filing Date	
				First Named Inventor Bily WANG	
				Group Art Unit	
				Examiner Name	
TOTAL AMOUNT OF PAYMENT (\$)				395.00	
				Attorney/Agent Number Harvatek 9030	

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																									
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number _____ Deposit Account Name _____ <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.114 and 1.117 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Meeting of the Notice of Allowance, 37 CFR 1.211(b)		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entry Fee (\$)</th> <th>Small Fee Code</th> <th>Entry Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>55</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,390</td> <td>147</td> <td>2,390</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>570</td> <td>112</td> <td>570</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,740</td> <td>113</td> <td>1,740</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for response within first month</td> <td></td> </tr> <tr> <td>116</td> <td>380</td> <td>216</td> <td>190</td> <td>Extension for response within second month</td> <td></td> </tr> <tr> <td>117</td> <td>900</td> <td>217</td> <td>450</td> <td>Extension for response within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,400</td> <td>218</td> <td>700</td> <td>Extension for response within fourth month</td> <td></td> </tr> <tr> <td>119</td> <td>290</td> <td>219</td> <td>145</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>290</td> <td>220</td> <td>145</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>250</td> <td>221</td> <td>125</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,430</td> <td>138</td> <td>1,430</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive unrevivably abandoned application</td> <td></td> </tr> <tr> <td>141</td> <td>1,250</td> <td>241</td> <td>625</td> <td>Petition to revive unintentionally abandoned application</td> <td></td> </tr> <tr> <td>142</td> <td>1,250</td> <td>242</td> <td>625</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>430</td> <td>243</td> <td>215</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>630</td> <td>244</td> <td>315</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>125</td> <td>220</td> <td>125</td> <td>220</td> <td>Submission of Information Disclosure Sheet</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40</td> </tr> <tr> <td>146</td> <td>750</td> <td>246</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>750</td> <td>249</td> <td>375</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> <td></td> </tr> <tr> <td colspan="2">Other fee (specify): _____</td> <td colspan="2">Other fee (specify): _____</td> </tr> <tr> <td colspan="2">SUBTOTAL (1) (\$)</td> <td colspan="2">SUBTOTAL (3) (\$)</td> </tr> <tr> <td colspan="2">355</td> <td colspan="2">40</td> </tr> </tbody></table>		Large Fee Code	Entry Fee (\$)	Small Fee Code	Entry Fee (\$)	Fee Description	Fee Paid	105	130	205	55	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,390	147	2,390	For filing a request for reexamination		112	570	112	570	Requesting publication of SIR prior to Examiner action		113	1,740	113	1,740	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	380	216	190	Extension for response within second month		117	900	217	450	Extension for response within third month		118	1,400	218	700	Extension for response within fourth month		119	290	219	145	Notice of Appeal		120	290	220	145	Filing a brief in support of an appeal		121	250	221	125	Request for oral hearing		138	1,430	138	1,430	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unrevivably abandoned application		141	1,250	241	625	Petition to revive unintentionally abandoned application		142	1,250	242	625	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	630	244	315	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		125	220	125	220	Submission of Information Disclosure Sheet		581	40	581	40	Recording each patent assignment per property (times number of properties)	40	146	750	246	375	Filing a submission after final rejection (37 CFR 1.129(a))		149	750	249	375	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify): _____		Other fee (specify): _____		SUBTOTAL (1) (\$)		SUBTOTAL (3) (\$)		355		40	
Large Fee Code	Entry Fee (\$)	Small Fee Code	Entry Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																						
105	130	205	55	Surcharge - late filing fee or oath																																																																																																																																																																							
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																							
139	130	139	130	Non-English specification																																																																																																																																																																							
147	2,390	147	2,390	For filing a request for reexamination																																																																																																																																																																							
112	570	112	570	Requesting publication of SIR prior to Examiner action																																																																																																																																																																							
113	1,740	113	1,740	Requesting publication of SIR after Examiner action																																																																																																																																																																							
115	110	215	55	Extension for response within first month																																																																																																																																																																							
116	380	216	190	Extension for response within second month																																																																																																																																																																							
117	900	217	450	Extension for response within third month																																																																																																																																																																							
118	1,400	218	700	Extension for response within fourth month																																																																																																																																																																							
119	290	219	145	Notice of Appeal																																																																																																																																																																							
120	290	220	145	Filing a brief in support of an appeal																																																																																																																																																																							
121	250	221	125	Request for oral hearing																																																																																																																																																																							
138	1,430	138	1,430	Petition to institute a public use proceeding																																																																																																																																																																							
140	110	240	55	Petition to revive unrevivably abandoned application																																																																																																																																																																							
141	1,250	241	625	Petition to revive unintentionally abandoned application																																																																																																																																																																							
142	1,250	242	625	Utility issue fee (or reissue)																																																																																																																																																																							
143	430	243	215	Design issue fee																																																																																																																																																																							
144	630	244	315	Plant issue fee																																																																																																																																																																							
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																							
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																							
125	220	125	220	Submission of Information Disclosure Sheet																																																																																																																																																																							
581	40	581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																																																																						
146	750	246	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																							
149	750	249	375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																							
Other fee (specify): _____		Other fee (specify): _____																																																																																																																																																																									
SUBTOTAL (1) (\$)		SUBTOTAL (3) (\$)																																																																																																																																																																									
355		40																																																																																																																																																																									
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																											
FEE CALCULATION (fees effective 10/01/95)																																																																																																																																																																											
1. FILING FEE <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entry Fee (\$)</th> <th>Small Fee Code</th> <th>Entry Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>750</td> <td>201</td> <td>375</td> <td>Utility filing fee</td> <td>355</td> </tr> <tr> <td>106</td> <td>310</td> <td>206</td> <td>155</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>750</td> <td>208</td> <td>375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (1)</td> <td>355</td> </tr> </tbody> </table>		Large Fee Code	Entry Fee (\$)	Small Fee Code	Entry Fee (\$)	Fee Description	Fee Paid	101	750	201	375	Utility filing fee	355	106	310	206	155	Design filing fee		107	510	207	255	Plant filing fee		108	750	208	375	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1)					355																																																																																																																																
Large Fee Code	Entry Fee (\$)	Small Fee Code	Entry Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																						
101	750	201	375	Utility filing fee	355																																																																																																																																																																						
106	310	206	155	Design filing fee																																																																																																																																																																							
107	510	207	255	Plant filing fee																																																																																																																																																																							
108	750	208	375	Reissue filing fee																																																																																																																																																																							
114	150	214	75	Provisional filing fee																																																																																																																																																																							
SUBTOTAL (1)					355																																																																																																																																																																						
2. CLAIMS <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from before</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entry Fee (\$)</th> <th>Small Fee Code</th> <th>Entry Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>22</td> <td>203</td> <td>11</td> <td>11 Claims in excess of 20</td> <td></td> </tr> <tr> <td>102</td> <td>78</td> <td>202</td> <td>39</td> <td>19 Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>104</td> <td>250</td> <td>204</td> <td>125</td> <td>125 Multiple dependent claim</td> <td></td> </tr> <tr> <td>109</td> <td>78</td> <td>209</td> <td>39</td> <td>39 Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>110</td> <td>22</td> <td>210</td> <td>11</td> <td>11 Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5">SUBTOTAL (2)</td> <td></td> </tr> </tbody> </table>		Total Claims	Extra	Fee from before	Fee Paid	20	X			3	X				X			Large Fee Code	Entry Fee (\$)	Small Fee Code	Entry Fee (\$)	Fee Description	Fee Paid	103	22	203	11	11 Claims in excess of 20		102	78	202	39	19 Independent claims in excess of 3		104	250	204	125	125 Multiple dependent claim		109	78	209	39	39 Reissue independent claims over original patent		110	22	210	11	11 Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)																																																																																																																					
Total Claims	Extra	Fee from before	Fee Paid																																																																																																																																																																								
20	X																																																																																																																																																																										
3	X																																																																																																																																																																										
	X																																																																																																																																																																										
Large Fee Code	Entry Fee (\$)	Small Fee Code	Entry Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																						
103	22	203	11	11 Claims in excess of 20																																																																																																																																																																							
102	78	202	39	19 Independent claims in excess of 3																																																																																																																																																																							
104	250	204	125	125 Multiple dependent claim																																																																																																																																																																							
109	78	209	39	39 Reissue independent claims over original patent																																																																																																																																																																							
110	22	210	11	11 Reissue claims in excess of 20 and over original patent																																																																																																																																																																							
SUBTOTAL (2)																																																																																																																																																																											

SUBMITTED BY		Complete If applicable	
Typed or Printed Name	Hung Chang LIN	Reg. Number	28,789
Signature	Hung Chang Lin	Date	8/2/01
		Deposit Account User ID	

Bureau Hour Statement: This form is estimated to take 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.